

S.F. Stilly Revised Road Costs  
Jim Edits as of 5-7-17

SUMMARY

8 TOTAL REGIONS				
		# Rds	Temp Rd Total	Spec Rd Total
REGION 1 - 41	\$1,883,192	41	22	19
REGION 2 - 4005	\$440,242	5	3	2
REGION 3 - 42	\$1,450,540	13	5	8
REGION 4 - 4020	\$1,182,234	14	4	10
REGION 5 - 4030	\$1,573,146	18	6	12
REGION 6 - 4037	\$342,454	4	1	3
REGION 7 - 4052	\$582,755	9	4	5
REGION 8 - 4060	\$710,781	18	8	10
	\$8,165,344	122	53	69

Temp roads = 53 roads at \$794,591 at 14.55 miles = \$54,611 per mile  
Specified roads = 69 roads at \$7,370,753 at 99.73 miles = \$73,907 per mile (note that 6 bridges are in this 3)  
If a Bridge is required at MP 0.5 on FSR 4030 then add \$300k

\$794,591 \$7,370,753 \$8,165,344

	14.55	0	41.65	17.95	40.13	\$8,165,344	\$8,536,178	
Road No	Temp Roads	ML 0 Decomm	ML 1 Storage	ML 2	ML 3	Jims Revised Totals LOW Est	Jims Revised Totals HIGH Est	COMMENTS
			REGION 1					
41					7.88	\$129,311	\$230,698	Pre Haul \$34,199 - During \$15,129 - Post \$8983 - 10 set ups at units x 1200 = \$12,000 - 4 turnaround locations x 5,000 = \$20,000 - Surfacing 600 tons x 40 \$24,000 - Asphalt Patching - \$15,000 - Total = \$129131
4100020						\$0	\$0	Sam verified it will not be used.
4100021			0.66			\$23,730	\$31,020	Used ML 1 Recon Cost per mile + \$10000... guesstimate with no info
4100024						\$0	\$0	No commercial units here - Not to be used.
4122						\$0	\$0	Sam verified it will not be used.
41Temp1	0.7					\$31,383		Used ML 3 Recon Cost per mile ... guesstimate with no info
41Temp2	1					\$44,833		Used ML 3 Recon Cost per mile ... guesstimate with no info
4110					7.71	\$150,253		Pre Haul \$33,461 - During \$14,803 - Post \$8,789 - 11 set ups at units x 1200 = \$13,200 - 8 turnaround locations x 5,000 = \$40,000 - Surfacing 1000 tons x 40 \$40,000 - Total = \$150,253
4110011			0.5			\$22,416		Used ML 3 Recon Cost per mile ... guesstimate with no info
4110014			0.48	2		\$131,185		Used ML 3 Recon Cost per mile + \$20000 ... guesstimate with no info
4110014 Temp 1	0.2					\$10,966		Used ML 3 Recon Cost per mile + \$2000... guesstimate with no info
4110014 Temp 2	1.25					\$66,041		Used ML 1 Recon Cost per mile, 56,041 + \$10000... guesstimate with no info
4110014 Temp 3	0.25					\$16,208		Used ML 1 Recon Cost per mile, 11,208 + \$5000... guesstimate with no info
4110014 Temp 4	0.25					\$16,208		Used ML 1 Recon Cost per mile, 11,208 + \$5000... guesstimate with no info
4110014 Temp 5	0.67					\$35,038		Used ML 1 Recon Cost per mile, 30,038 + \$5000... guesstimate with no info
4110014 Temp 6	0.1					\$7,080		Used ML 3 Recon Cost per mile + \$5000... guesstimate with no info
4110014 Temp 7	0.4					\$19,565		Used ML 2 Recon Cost per mile + \$5000... guesstimate with no info
	0					\$0		
4110015				0.22		\$9,576		Used ML 3 Recon \$4576 + \$5000 ...
4110016			0.11			\$7,005		Used ML 3 Recon \$4005 + \$3000 ...
4110018			0.3			\$15,923		Used ML 2 Recon +\$5000
4110024			0.59			\$41,451		Used ML 1 Recon \$26451 + \$15000
4110027			0.42			\$20,293		Used ML 2 Recon \$15293 + \$5000
4110 Temp 1	0.2					\$10,966		Used ML 1 Recon Cost per mile + \$2000... guesstimate with no info
4110 Temp 2	0.3					\$16,449		Used ML 1 Recon Cost per mile + \$3000... guesstimate with no info
4110 Temp 3	0.25					\$16,208		Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info
4110 Temp 4	0.6					\$31,899		Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info
4110 Temp 5	0.1					\$7,483		Used ML 1 Recon Cost per mile + \$3000... guesstimate with no info
4110 Temp 6	0.6					\$31,899		Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info
4110 Temp 7	0.1					\$6,483		Used ML 1 Recon Cost per mile + \$2000... guesstimate with no info
4111			3.95			\$570,978		Reconst ML 1 x 3.95 = \$177,090 - During 3.95 x 1920 = \$7585 - Post Haul 3.95 x 1140 = \$4,503 - Shoulders ML 1, 4 x 5000 = \$20,000 - Turnarounds 5 x 5000 = \$25,000 - Resurfacing 5,920 tons x \$40 = \$236,800 - Culverts LS = \$100,000 = Total of \$570,978
4111 Temp 1	0.1					\$6,483		Used ML 1 Recon Cost per mile + \$2000... guesstimate with no info
4111 Temp 2	0.1					\$6,483		Used ML 1 Recon Cost per mile + \$2000... guesstimate with no info
4111016			0.72			\$60,481		Reconst ML 1 x .72 = \$32,279 - During \$1382 - Post \$820 - Shoulders \$5000 - Turnaround \$5000 - Surfacing - 150 tons x 40 = \$6000 - Culverts \$10000 = \$60481
4111016 Temp 1	0.1					\$9,483		Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info
4111020			0.71			\$60,003		Reconst ML 1 x .71 = \$31,831 - During \$1363 - Post \$809 - Shoulders \$5000 - Turnaround \$5000 - Surfacing - 150 tons x 40 = \$6000 - Culverts \$10000 = \$60003
4111021			1.18			\$76,014		
4111021 Temp 1	0.6					\$31,899		Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info
4113			1.77			\$57,238		Reconst ML 1 x 1.77 = \$36823 - During \$3398 - Post \$2017 - Shoulders \$2000 - Turnaround \$2000 - Surfacing - 150 tons x 40 = \$6000 - Culverts \$5000 = \$
4113 Temp 1	0.1					\$6,483		Used ML 3 Recon Cost per mile + \$2000... guesstimate with no info
4113012			1.52			\$71,312		Reconst ML 1 x 1.52 = \$31662 - During \$2918 - Post \$1732 - Shoulders \$5000 - Turnaround \$2000 - Surfacing - 200 tons x 40 = \$8000 - Culverts \$20000 = \$71,312
4113014			0.1			\$6,483		Used ML 3 Recon Cost per mile + \$2000... guesstimate with no info
	7.97	0	13.01	2.22	15.59			
	TOTAL FOR 41 ROAD SYSTEM - 41 ROADS					\$1,883,192		

		REGION 2							
4005	0	3.31			\$375,166	\$446,000	County Road at beginning 1st 0.62 miles Contact Co. Low \$ is stop before Benson Crk - Hi \$ is to past Benson Crk		
4005013	0	0.26			\$16,656	\$16,656	Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info		
4005 Temp 1	0.45				\$20,175	\$20,175	Used ML 1 Recon Cost per mile + \$10000... guesstimate with no info		
4005 Temp 2	0.3				\$13,450	\$13,450	Used ML 1 Recon Cost per mile + \$10000... guesstimate with no info		
4005 Temp 3	0.33				\$14,795	\$14,795	Used ML 1 Recon Cost per mile + \$10000... guesstimate with no info		
		1.08	0	3.57	0	0			
		Before Benson Crk Costs >>>>>			\$440,242	\$511,076	<<<<< After Benson Crk Costs		
		TOTAL FOR 4005 ROAD SYSTEM - 5 ROADS							
		REGION 3							
42			6.55		\$270,809				
42 Temp 1	0.42				\$28,829		Used ML 1 Recon Cost per mile + \$10000... guesstimate with no info		
42 Temp 2	0.25				\$21,208		Used ML 1 Recon Cost per mile + \$10000... guesstimate with no info		
42 Temp 3	0.72				\$42,279		Used ML 1 Recon Cost per mile + \$10000... guesstimate with no info		
4210		2.34			\$683,000		Has 2 Bridges in this cost... Cost is not to take out bridges.		
4210 Temp 1	0.55				\$21,442		Used ML 3 Recon Cost per mile + \$10000... guesstimate with no info		
4230		0.88			\$234,453		Has 1 Bridge in this cost. Cost is not to take out bridge.		
4239		0.6			\$36,899		Used ML 1 Recon Cost per mile + \$10000... guesstimate with no info		
4240			0.8		\$21,643		Used ML 3 Recon Cost per mile + \$5000... guesstimate with no info		
4240 Temp 1	0.12				\$10,380		Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info		
4241		0.17			\$5,536		Used ML 3 Recon Cost per mile + \$2000... guesstimate with no info		
4242		0.2			\$6,160		Used ML 1 Recon Cost per mile + \$2000.. Guesstimate with no info		
4250		1.18			\$67,902		Used ML 1 Recon Cost per mile + \$15000... Guesstimate with no info		
		2.06	0	5.37	0.8	6.55			
		TOTAL FOR 42 ROAD SYSTEM - 13 ROADS			\$1,450,540				
		REGION 4							
4009		1.7			\$86,216		Used ML 3 Recon Cost per mile + \$10000... guesstimate with no info		
4009 Temp 1	0.1				\$5,080		Used ML 1 Recon Cost per mile + \$3000... guesstimate with no info		
4012		0.8			\$391,191		Has 1 Bridge in this cost. Cost is not to take out bridge.		
4020			4.35		\$201,358		Est \$30,000 for ML 3 Reconstruction - Log Xing Repair at 2.65 est \$110,000 - Surface Set Up 6 x 1200 = \$7,200 - Surfacing 400 tons x 40 \$16,000 - Turnarounds \$10,000 - Shoulders est \$15,000 - During Haul \$8,256 - Post Haul \$4,902 = \$201,358		
4020 Temp 1	0.05				\$1,040		Used ML 1 Recon Cost per mile---- guesstimate with no info		
4020 Temp 2	0.22				\$9,576		Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info		
4020 Temp 3	0.11				\$5,288		Used ML 1 Recon Cost per mile + \$3000... guesstimate with no info		
4020011		0.69			\$49,466		Used ML 2 costs per mile - Recons ML 3 \$14354 - Shoulders est \$10,000 - Turnaround est \$5000 - Surfacing 450 tons x 40 \$18,000 - During \$1325 - Post \$787 = \$49466		
4020015		1.21			\$63,876		Used ML 3 costs per mile - Recons ML 3 \$25,173 - Shoulders est \$10,000 - Turnaround est \$5,000 - Surfacing 500 tons x 40 \$20,000 - During \$2,323 - Post \$1,380 = \$63,876		
4021			3.64		\$211,865		Used ML 3 cost per mile - Recon \$75,726 - Shoulders est \$40,000 - Turnaround est \$10,000 - Surfacing 1000 tons x 40 \$40,000 - During \$6,989 - Post \$4,150 + \$35,000 unknown = \$211,865 (Wisconsin xing to be looked at)		
4021015		0.21			\$10,012		Used ML 3 cost per mile - Recon \$4,369 - Shoulders est \$1000 - Turnaround est \$2000 - Surfacing 50 tons x \$2,000 - During \$403 - Post \$ 240 = \$10,012		
4022		0.18			\$5,745		Used ML 1 Recon Cost per mile + \$2000... guesstimate with no info		
4022011		0.05			\$1,040		Used ML 1 Recon Cost per mile... guesstimate with no info		
4024		2.12			\$140,481		Used ML 2 costs per mile - Recons ML 2 \$77,195 - Shoulders est \$10,000 - Turnaround est \$5000 - Surfacing 1045 tons x 40 \$41,800 - During \$4,070 - Post \$2,416 = \$140,481		
		0.48	0	6.96	3.64	4.35			
		TOTAL FOR 4009 - 4020 - 4021 RD SYSTEM - 14 ROADS			\$1,182,234				

REGION 5						
4030			5.16	\$108,183	\$408,183	Used Prehaul cost per mile - Prehaul \$22,394 - Shoulders est \$10,000 - Turnaround est \$10,000 - Surfacing 1000 tons x 40 \$40,000 - During \$9,907 - Post \$5,882 + \$10,000 unknown = \$108,183 and if Bridge at 0.5 \$300,000 = \$408,183
4030 Temp 1	0.18			\$13,069		Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info
4030011		0.65		\$44,711		Used ML 3 cost per mile - Recon \$13,522 - Shoulders est \$2,000 - Turnaround est \$5,000 - Surfacing 430 tons x 40 \$17,200 - During \$1,248 - Post \$741 + \$5,000 unknown = \$44,711
4030012		0.25		\$30,573		Used ML 1 cost per mile - Recon \$11,208 - Shoulders est \$2,000 - Turnaround est \$5,000 - Surfacing 165 tons x 40 \$6,600 - During \$480 - Post \$285 + \$5,000 unknown = \$30573
4030030		0.43		\$26,417		Used ML 3 cost per mile - Recon \$8,945 - Shoulders est \$1,000 - Turnaround est \$2,000 - Surfacing 280 tons x 40 \$11,200 - During \$825 - Post \$447 + \$2,000 unknown = \$26,417
4030035		0.15		\$8,064		Used ML 3 cost per mile - Recon \$3,120 - Shoulders est \$500 - Surfacing 100 tons x 40 \$4,000 - During \$288 - Post \$156 = \$8,064
4031		3.48		\$1,027,735		Used Prehaul to 015 int. cost per mile to MP 1.06 = Prehaul \$4,600 THEN ML 1 to end \$108,495 - Shoulders est \$25,000 - Turnaround est \$25,000 - Surfacing 2866 tons x 40 = \$114,640 - <b>Perm Bridge at MP 0.95 \$700,000</b> - Unknowns \$50,000 = \$1,027,735
4031015		0.55		\$42,284		<b>To Rock Quarry</b> - Used ML 2 costs per mile - Recons ML 2 \$20,027 - Shoulders est \$2,000 - Turnaround est \$1000 - Surfacing 362 tons x 40 \$14,480 - During (with Pit traffic raise during haul costs to \$3000 per mile = \$1,650 - Post \$627 - Unknowns \$2,500 = \$42,284
4032			5.36	\$136,355		Used Prehaul Cost per mile to 5.36 Prehaul \$23262 - Surface Set Up 6 x 1200 = \$7,200 - Surfacing 2000 tons x 40 \$80,000 - Turnarounds \$10,000 - Shoulders est \$5,000 - During Haul \$6835 - Post Haul \$4058 = \$136355
4032 Temp 1	0.1			\$7,080		Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info
4032 Temp 2	0.05			\$2,241		Used ML 1 Recon Cost per mile guesstimate with no info
4032 Temp 3	0.31			\$13,449		Used ML 1 Recon Cost per mile + \$7000... guesstimate with no info
4032 Temp 4	0.27			\$11,617		Used ML 1 Recon Cost per mile + \$6000... guesstimate with no info
4032030		0.41		\$39,715		Used ML 1 costs per mile - Recons ML 1 \$18,381 - Shoulders est \$5,000 - Turnaround est \$2000 - Surfacing 202 tons x 40 \$8,080 - During \$787 - Post \$467 - Unknowns \$5000 = \$39,715
4032030 Temp 1	0.1			\$6,483		Used ML 1 Recon Cost per mile + \$2000... guesstimate with no info
4032040		0.1		\$6,483		Used ML 1 Recon Cost per mile + \$2000... guesstimate with no info
4033		0.4		\$35,677		Used ML 1 costs per mile - Recons ML 1 \$17,933 - Shoulders est \$2,000 - Turnaround est \$2000 - Surfacing 263 tons x 40 \$10,520 - During \$768 - Post \$456 - Unknowns \$2000 = \$35,677
4033011		0.22		\$13,010		Used ML 2 Recon Cost per mile + \$5000... guesstimate with no info
1.01 0 6.64 5.36 5.16						
TOTAL FOR 4030 - 4031 - 4032 RD SYSTEM - 18 ROADS				\$1,573,146		
REGION 6						
4037			0.43	\$28,580		Used ML 3 cost per mile - Recon \$8,945 - Shoulders est \$5,000 - Surfacing 283 tons x 40 \$11,320 - During \$825 - Post \$490 + \$2,000 unknown = \$28580
4038			3.25	\$281,252		Used ML 1 cost per mile - Recon \$145,707 - Shoulders est \$20,000 - Turnaround est \$10,000 - Surfacing 2140 tons x 40 \$85,600 - During \$6,240 - Post \$3705 + \$10,000 unknown = \$281,252
4038 Temp 1	0.33			\$20,449		Used ML 1 Recon Cost per mile + \$7000... guesstimate with no info
4039		0.16		\$12,173		Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info
0.33 0 0.16 3.68 0						
TOTAL FOR 4037 - 4038 - 4039 RD SYSTEM - 4 ROADS				\$342,454		
REGION 7						
4050		0.61		\$65,077		Used ML 2 cost per mile - Recon \$22211 - Shoulders est \$10,000 - Turnaround est \$10,000 - Surfacing 400 tons x 40 \$16,000 - During \$1171 - Post \$695 + \$5,000 unknown = \$65077
4052			2.93	\$73,282		Use Prehaul Maint #'s on Mainline the road is in good condition (less upcoming ERFO repairs with ERFO funds in 2018) = \$12,716 - Mowing \$3,000 - Shoulders est \$5,000 - Turnaounds est \$10,000 - Surfacing 600 tons x 40 = \$24,000 - During \$5626 - Post \$3,340 - Set up sites 8 x 1200 = \$ 9,600 = \$73,282
4052020		0.1		\$7,483		Used ML 1 Recon Cost per mile + \$3000... guesstimate with no info
4053		0.3		\$18,449		Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info - Rock Surfacing can be out of the \$5k #
4054		2.9		\$365,289		Used ML 1 costs per mile - Recons ML 1 \$130,015 - Shoulders est \$50,000 - Turnaround est \$20,000 - Surfacing 1910 tons x 40 \$76,400 - Drainage Items est \$30,000 - Switchback Repairs 5 at \$8,000 each = \$35,000 - During \$5,568 - Post \$3,306 - Unknowns \$15,000 = \$365,289
4054 Temp 1	0.16			\$10,173		Used ML 1 Recon Cost per mile + \$3000... guesstimate with no info -
4054 Temp 2	0.13			\$10,828		Used ML 1 Recon Cost per mile + \$5000... guesstimate with no info -
4054 Temp 3	0.26			\$16,656		Used ML 1 Recon Cost per mile + \$5000... Drain Xings, Shoulders, and Rock Surfacing - guesstimate with no info -
4054 Temp 4	0.19			\$15,518		Used ML 1 Recon Cost per mile + \$2000... Drain Xings, Shoulders, and Rock Surfacing - guesstimate with no info -
0.74 0 3.91 0 2.93						
TOTAL FOR 4050 - 4052 - 4054 RD SYSTEM - 9 ROADS				\$582,755		



REGION 8									
4057			0.3			\$20,923	Used ML 2 Recon Cost per mile + \$10000... guesstimate with no info -		
4060					2.77	\$122,696	Use Prehaul Maint #'s on Mainline the road is in good condition (less Narrow sections and no turnaround sites available) = \$12,021 - Mowing \$3,000 - Shoulders est \$20,000 - Turnaounds est \$30,000 - Surfacing 800 tons x 40 = \$32,000 - During \$5,318 - Post \$3,157 - Set up sites 6 x 1200 = \$7,200 - Unknown \$10,000 = \$122,696		
4060 Temp 1	0.14					\$8,097	Used ML 2 Recon Cost per mile + \$3000... guesstimate with no info -		
4061			0.15			\$7,610	Use Prehaul Maint #'s on Mainline the road is in good condition = \$651 - Mowing \$500 - Shoulders est \$1,000 - Surfacing 100 tons x 40 = \$4,000 - During \$288 - Post \$171 - Unknown \$1,000 = \$7,610		
4062					2.78	\$392,934	Used ML 2 cost per mile - Recon \$101,228 - Shoulders est \$10,000 - Surfacing 1830 tons x 40 \$73,200 - During \$5,337 - Post \$3,169 + <b>\$200,000 for Bridge &amp;</b> Unknown = \$392,934 (Beaver Xing could be an issue so there is est costs for that)		
4062 Temp 1	0.07					\$2,548	Used ML 2 Recon Cost per mile... guesstimate with no info -		
4062 Temp 2	0.1					\$4,641	Used ML 2 Recon Cost per mile + \$1000... guesstimate with no info -		
4062 Temp 3	0.21					\$12,646	Used ML 2 Recon Cost per mile + \$5000... guesstimate with no info -		
4062 Temp 4	0.19					\$10,918	Used ML 2 Recon Cost per mile + \$4000... guesstimate with no info -		
4062014			0.5			\$28,206	Used ML 2 Recon Cost per mile + \$10000... guesstimate with no info -		
4062014 Temp 1	0.05					\$1,820	Used ML 2 Recon Cost per mile ... guesstimate with no info -		
4062016			0.08			\$2,913	Used ML 2 Recon Cost per mile ... guesstimate with no info -		
4062016 Temp 1	0.05					\$1,820	Used ML 2 Recon Cost per mile ... guesstimate with no info -		
4062030			0.13			\$4,733	Used ML 2 Recon Cost per mile ... guesstimate with no info -		
4063			0.73			\$35,458	Used ML 3 costs per mile - Recons ML 1 \$15,186 - Shoulders est \$2,000 - Surfacing 400 tons x 40 \$16,000 - During \$1440 - Post \$832 = \$35,458		
4063030			0.14			\$3,912	Used ML 3 Recon Cost per mile + \$1000... guesstimate with no info -		
4065					2.25	\$47,450	Use Prehaul Maint #'s on Mainline the road is in good condition (less upcoming ERFO repairs with ERFO funds in 2018) = \$9,765 - Mowing \$2,200 - Shoulders est \$5,000 - Turnaounds est \$5,000 - Surfacing 500 tons x 40 = \$20,000 - During \$4,320 - Post \$2,565 - Set up sites 3 x 1200 = \$ 3,600 = \$47,450		
4065 Temp 1	0.07					\$1,456	Used ML 3 Recon Cost per mile ... guesstimate with no info -		
TOTAL FOR 4057 - 4060 - 4062 RD SYSTEM - 18 ROADS						\$710,781			

0      14.55      0      41.65      17.95      40.13      **\$8,165,344**      **\$8,536,178**

8 TOTAL REGIONS				# Rds	Temp Rd Total	Spec Rd Total
REGION 1 - 41		\$1,883,192	41	22	19	
REGION 2 - 4005		\$440,242	5	3	2	
REGION 3 - 42		\$1,450,540	13	5	8	
REGION 4 - 4020		\$1,182,234	14	4	10	
REGION 5 - 4030		\$1,573,146	18	6	12	
REGION 6 - 4037		\$342,454	4	1	3	
REGION 7 - 4052		\$582,755	9	4	5	
REGION 8 - 4060		\$710,781	18	8	10	
		\$8,165,344	122	53	69	
				\$794,591	\$7,370,753	\$8,165,344